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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

RAINS REDUCE PACE OF FIELDWORK

Fieldwork was slowed due to precipitation that crossed the state this past week, according to the Minnesota Agricultural Statistics Service. Sunny, warm days are needed to push the development of crops and allow farmers to return to the fields.

The average temperature for the week was 55.5 degrees, 2.6 degrees below normal. Statewide topsoil moisture supplies as of May 21st were rated 12% short, 73% adequate, and 15% surplus.

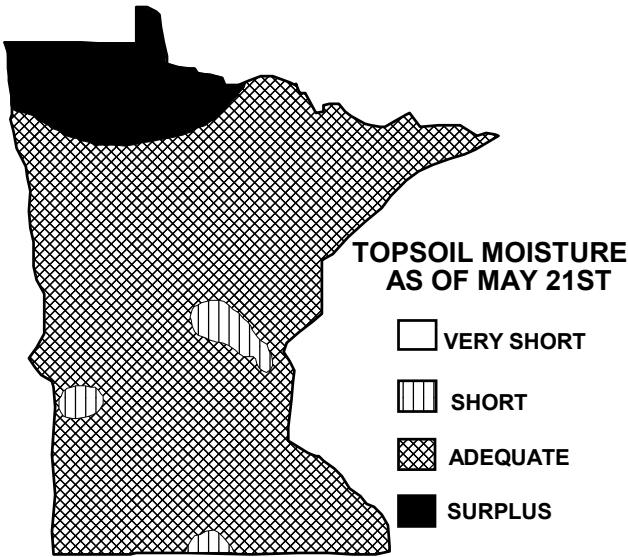
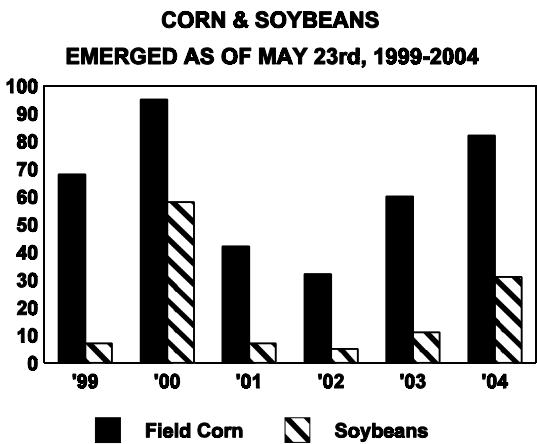
An estimated 82% of corn acreage was emerged compared with 60% for the same date last year and for the five year average. Soybeans were 31% emerged, versus 11% a year ago and 18% for the five year average

Spring wheat was 78% emerged compared with 80% last year and 63% for the five year average. Barley emerged was at 66% compared to 77% last year and 59% for the five year average. Oats were 82% emerged compared to the five year average of 75%.

Dry beans were 32% planted compared to the five year average of 41%. Sunflowers were 41% planted compared to 48% last year and 38% for the five year average.

Canola was 62% planted compared to 83% last year and 54% for the five year average. Sweet corn was 57% planted compared to the five year average of 50%.

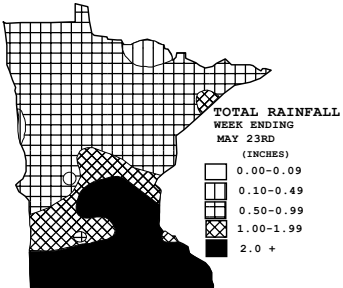
Days Suitable for Fieldwork : 3.3					
		Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)		0	12	73	15
Crop Progress as of May 23, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Planted	99	98	95	93
	Emerged	82	56	60	60
Soybeans	Planted	82	72	60	62
	Emerged	31	7	11	18
Spring Wheat	Planted	99	97	97	82
	Emerged	78	59	80	63
	Jointing	4	NA	3	2
Oats	Planted	99	95	98	91
	Emerged	82	76	84	75
	Jointing	1	NA	4	3
Barley	Planted	96	90	98	78
	Emerged	66	43	77	59
	Jointing	1	NA	2	2
Canola	Planted	62	59	83	54
Dry Beans	Planted	32	24	48	41
Sweet Corn	Planted	57	45	40	50
Green Peas	Planted	88	81	73	78
Sunflowers	Planted	41	28	48	38
Potatoes	Planted	84	78	82	73
Crop Condition as of May 21 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	4	16	38	38	4
Spring Wheat	4	7	48	37	4
Barley	7	11	47	32	3
Corn	2	7	28	55	8
Alfalfa	3	11	37	42	7
Oats	3	7	28	54	8



Charles Walker
Agricultural Statistician

Douglas Hartwig
Director

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING MAY 23, 2004:
Temperatures averaged from 4.6 degrees below normal in the North-east District to 0.8 degree above normal in the Southeast District. Extremes: 78° in Winona; 28° in Hibbing. Precipitation averaged from 0.01 inch above normal in the North Central District to 1.91 inches above normal in the Southeast District. Greatest weekly total was 3.94 inches.



Precipitation and Temperature Summary for 5/17/2004 through 5/23/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 4/1	Since Apr 29	Depart from Norm
<u>NW DIST 1</u>										
Crookston	73	37	53.6	-4.6	.97	.38	2.69	2.07	134	-80
Moorhead	74	35	56.6	-2.5	.26	-.37	-.00	-.93	165	-61
Warroad	74	41	52.4	-2.5	.73	.15	4.38	5.05	95	-69
<u>NC DIST 2</u>										
Grand Rapids	75	32	52.0	-3.9	.87	.18	-.30	-.79	147	-34
Intl. Falls	73	30	49.8	-5.2	.42	-.20	.67	.46	95	-74
Itasca	60m	41m	50.5m	-3.8m	.73m	.06m	.54m	-.48m	97m	-60m
<u>NE DIST 3</u>										
Duluth	70	36	48.8	-4.6	.85	.15	-.61	-1.02	92	-51
Grand Marais	70	37	47.6	-.5	.82	.21	-.76	-.25	48	-35
Hibbing	70	28	48.0	-6.3	.60	-.02	-.35	-.95	97	-62
Isabella	68	33	48.2	-7.1	1.35	.61	-.18	.03	70	-104
<u>WC DIST 4</u>										
Alexandria	69	38	53.6	-4.4	.24	-.48	-.78	-.41	142	-69
Browns Valley	74	35	55.4	-4.5	0	-.55	.37	-.23	198	-42
Canby	73	39	56.6	-4.1	1.35	.67	-.77	-.90	233	-16
Fergus Falls	71	40	54.9	-3.6	.87	.23	.01	-.44	178	-37
Montevideo	71	40	56.5	-2.8	1.56	.82	.38	.11	202	-24
Morris	70	38	56.3	-3.3	.66	-.01	.17	-.39	185	-50
<u>CENT DIST 5</u>										
Becker	72	45	53.8	-4.5	3.34	2.53	2.21	2.09	175	-41
Hutchinson	76	41	58.8	-1.7	1.59	.86	-.23	-1.31	246	-1
Olivia	76	43	58.0	-2.3	1.92	1.20	-.64	-1.08	246	0
St. Cloud	73	39	54.7	-3.5	2.26	1.56	1.59	1.12	203	-11
Staples	71	36	53.4	-3.4	1.28	.56	-.19	-.26	157	-40
Willmar	71	41	57.2	-2.6	2.08	1.31	.24	-.19	216	-21
<u>EC DIST 6</u>										
Aitkin	73	38	51.4	-3.9	.76	.03	-.83	-.38	158	-16
MSP Airport	75	45	57.7	-3.2	2.08	1.32	1.24	1.29	226	-29
St. Paul - UofM	74	43	58.8	-3.0	3.10	2.22	.92	1.45	258	-17
<u>SW DIST 7</u>										
Lamberton	72	43	58.7	-2.0	2.90	2.15	.26	-.92	244	-7
Pipestone	77	38	57.7	-1.6	2.01	1.23	.24	-.62	224	-8
Redwood Falls	72	43	56.2	-5.8	.96	.24	-.01	-1.06	217	-55
Worthington	72	41	57.8	-1.1	2.24	1.46	.70	.35	230	8
<u>SC DIST 8</u>										
Faribault	76	41	60.0	.6	3.37	2.50	2.22	1.77	247	15
Mankato	73	43	58.7	-1.5	2.52	1.69	.78	-.28	245	0
Waseca	76	45	60.8	.7	2.13	1.22	.72	-.18	257	14
Winnebago	74	42	60.2	-.1	2.41	1.49	.27	-.52	253	6
<u>SE DIST 9</u>										
Preston	77	40	61.4	3.2	3.12	2.22	3.43	2.44	249	38
Red Wing	77	44	60.4	.3	1.81	1.00	1.14	.96	238	-3
Rochester	76	43	60.1	1.7	2.89	2.09	2.19	2.04	233	17
Rosemount	75	44	58.4	-.6	2.36	1.42	1.73	.98	237	11
Winona	78	45	62.0	.4	2.38	1.54	3.15	2.10	254	-16

m=some data missing
Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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